Environmental Management Performance Report

October 2002

E0211045.1

Department of Energy
Richland Operations Office

Bechtel Hanford, Inc.
Environmental Restoration Contractor

Data as of month-end October

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INTRODUCTION

The monthly Environmental Restoration (ER) Environmental Management Performance Report (EMPR) consists of two sections: Section A - Executive Summary, and Section B – River Corridor Restoration. All data are current as of October 31, 2002, unless otherwise noted.

Section A – Executive Summary. The Executive Summary begins with a description of notable accomplishments for the current reporting month that are considered to have made the greatest contribution toward safe, timely, and cost-effective Hanford Site cleanup. Safety statistics are also included. Major commitments are summarized that encompass Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) milestones. FY03 performance objectives and status are provided. Fiscal year-to-date ER Project cost and schedule variance analysis is summarized. Issues that require management and/or regulator attention are addressed along with resolution status. The Key Integration Activities section highlights site activities that cross contractor boundaries, supporting overall Hanford Site goals. The Executive Summary ends with a listing of major upcoming planned key events (90-day look ahead).

Section B – River Corridor Restoration. This section contains more detailed Environmental Restoration Contractor (ERC) monthly activity information and performance status for the three Project Baseline Summaries (PBSs) within the River Corridor Restoration outcome. These three PBSs consist of RC01 - 100 Area River Corridor Cleanup, RC02 - 300 Area Cleanup, and RC05 - River Corridor Waste Management.

PBS SC01 - Near-Term Stewardship is structured within the Site Stewardship outcome. Due to the minimal FY03 workscope identified for this PBS, SC01 performance data is included in the Executive Summary cost/schedule overview.

Performance Incentive and Safety information in this report is identified with a green, yellow, or red text box used as an indicator of the overall status. Green indicates work or issue resolution is satisfactory and generally meets or exceeds requirements, yellow indicates that significant improvement is required, and red indicates unsatisfactory conditions that require immediate corrective actions.

Section A - Executive Summary

Sampling Activities Using the Brokk™ in H Reactor FSB

River Corridor Warning Signs

Excavating LDR Soil at the 618-4 Burial Ground

Breaking Up B Reactor Reinforced Concrete Effluent Pipeline

SECTION A – EXECUTIVE SUMMARY

Data as of month-end October

NOTABLE ACCOMPLISHMENTS

River Corridor Restoration:

Excavation and removal activities were completed for three steel pipelines in the 100 B/C Area. Sampling will be performed to determine if any plumes exist.

Excavation of four waste sites in the 100 F Area was completed during October.

Construction of the 100 K Area queue access road was completed. Overall, the queue area construction was 60% complete at month-end.

In the 100 N Area, excavation of two plumes was completed. Excavation was initiated for plume 6 located adjacent to 116-N-1 Trench and will continue through the end of December.

Remediation activities were initiated at the 300 Area 618-5 Burial Ground on October 1.

During October, 53,490 metric tons (58,963 tons) of contaminated waste were disposed in the Environmental Restoration Disposal Facility (ERDF). A total of 3,517,133 metric tons (3,876,996 tons) of waste have been disposed in ERDF since operations began in July 1996.

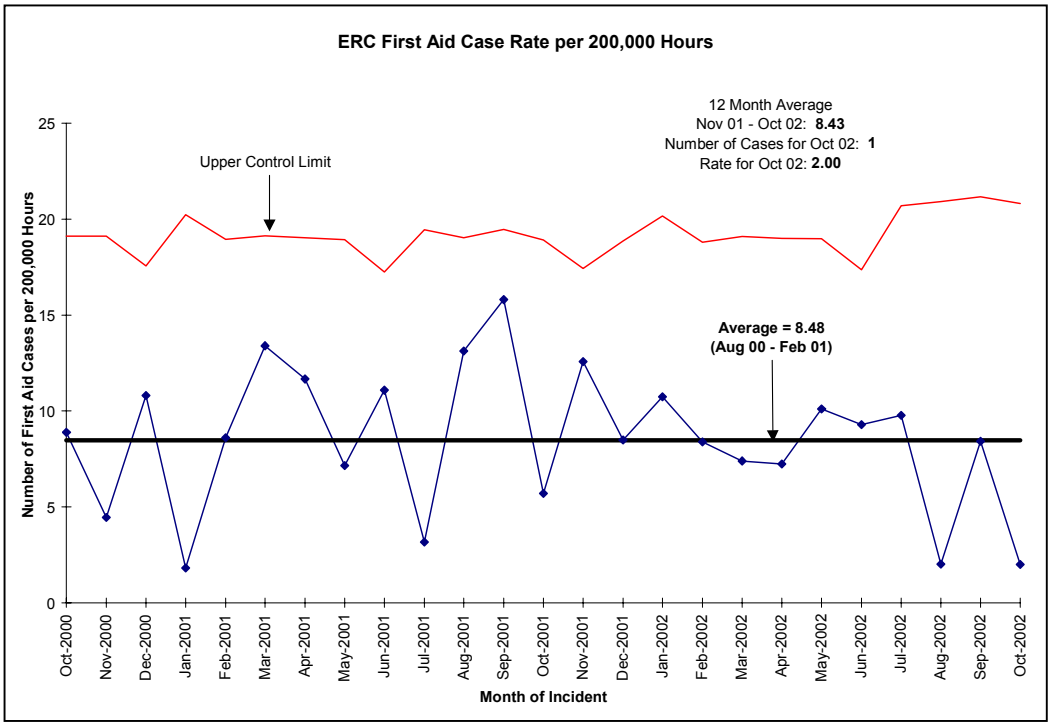
Demolition of the F Reactor fuel storage basin (FSB) and transfer pits was completed during October. Soil removal under the FSB floor was also completed.

The readiness assessment for Phase II activities in the H Reactor FSB was completed on October 3.

Ownership of two PAS-1 casks was officially transferred from Fluor Hanford, Inc. (FH) to Bechtel Hanford, Inc. (BHI) on October 30. The casks will transport spent fuel elements to K Basin if any are discovered during future reactor FSB demolition.

Surveillance and Maintenance personnel fabricated and posted hazardous material warning signs along the Columbia River in support of the Hanford Site institutional controls plan.

SAFETY



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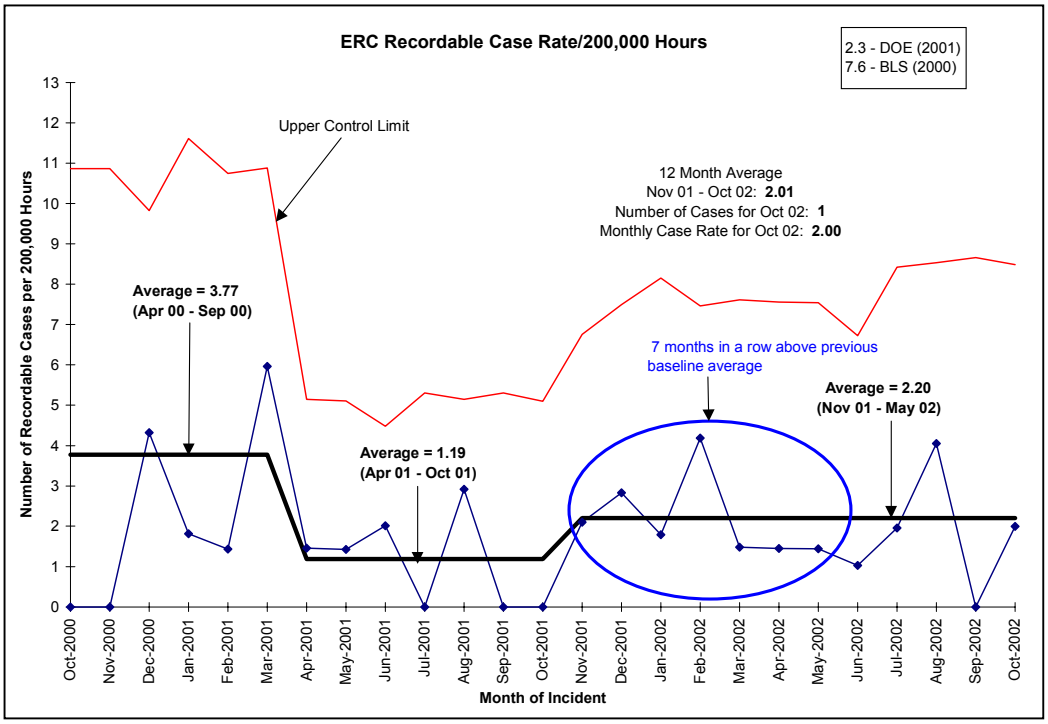
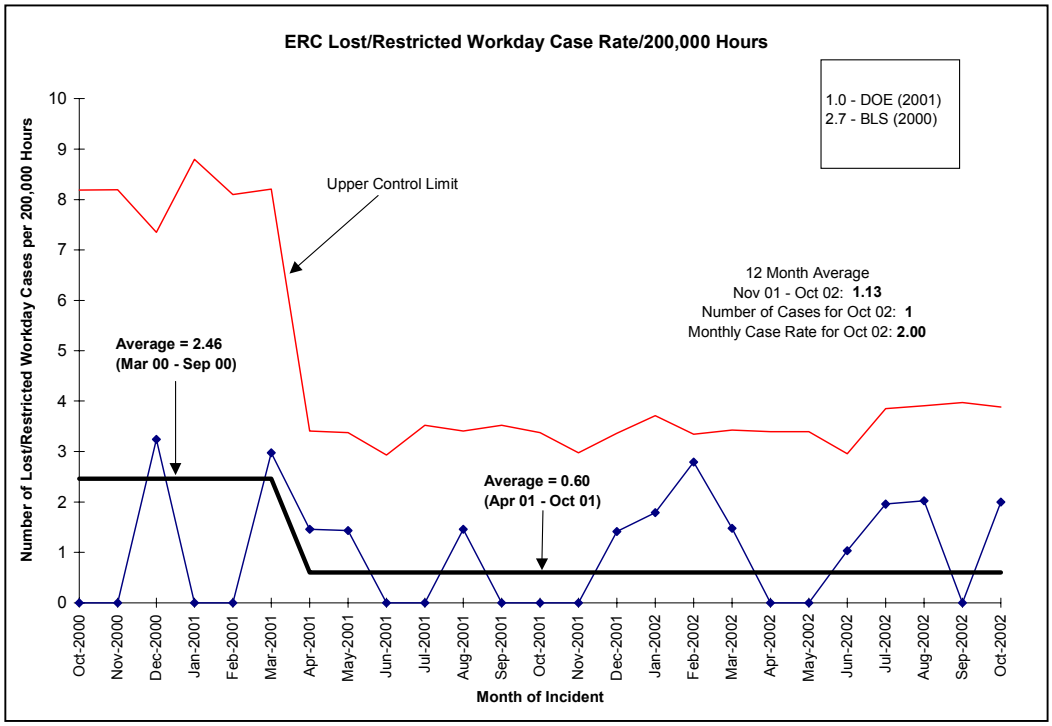


GREEN NOTE: This data has been stable since November 2001.

SAFETY (continued)



GREEN

NOTE: This data has been stable since April 2001.

Safety:

The following actions have or are being taken by the Environmental Restoration Contractor (ERC) to focus on safety improvements:

- Activities were initiated to obtain Voluntary Protection Program (VPP) Star Status recognition.
- The Subcontract Technical Representatives (STR) implemented the use of a "Performance Review Form". This form is used to document subcontractor performance, safety, and contractual compliance.
- The Field Support organization completed revisions to the Control of Hazardous Energy and Materials (Lockout/Tagout) procedure. The procedure was effective July 31.
- A new Control of Hazardous Energy and Materials (Lockout/Tagout) training course was developed and implemented. The training consists of ten separate modules that can be administered commensurate with an individual's responsibilities.
- All incidents are thoroughly investigated. Emphasis is placed on causes and corrective actions that can be implemented where applicable. Timely discussions take place in safety meetings and plan of the day (POD) meetings. When investigations are complete, the results are sent to the Area Superintendents, Field Superintendents, and Supervisors for review at the PODs.
- BHI continues to look for trends and consults with Corporate and other Bechtel National, Inc. (BNI) contacts for ways to enhance performance.

SAFETY (continued)

- The ERC continues to work closely with the Hanford Atomic Metal Trades Council (HAMTC) Safety Representative to resolve safety issues as they arise.
- Senior management continues to meet with small groups of employees in the field to discuss safety and personal commitment to safety.
- The Field Support General Superintendent and Project Safety Manager continue to visit different projects on a regular basis, meet with project team members, and conduct safety walkarounds. Area Superintendents for Decontamination and Decommissioning projects and Surveillance and Maintenance projects are included in these walkarounds. The walkaround participants visit projects other than those for which they are responsible. Information from the walkarounds is shared with the team and other Field Support personnel. Safety conditions requiring corrective action are assigned to project personnel or support personnel for action and are tracked to closure. This activity is ongoing.
- The ERC has recognized a trend in sprain and strain injuries. Heightened awareness regarding proper lifting techniques, the use of mechanical devices for lifting heavy or awkward loads, proper planning, and increased participation in low-impact stretching exercises prior to engaging in lifting or pulling activities are being utilized to reduce these types of injuries.
- The ERC has invited "Brown Bag Speakers" to join employees during lunchtime at the 3350 George Washington Way facility to discuss various safety and health topics.
- Field Support personnel conduct weekly safety inspections. Findings are entered into a database and tracked to closure. Daily inspections are also performed and logged in the project's daily logbook or daily report.
- The Reactor Interim Safe Storage (ISS) project developed and is implementing a new, regulator-approved, waste handling/characterization process for removal of the lower fill material in the H Reactor FSB. This action will significantly reduce the number of heavy equipment and worker interfaces that occur during the operation and also implements a significant lessons learned from the F Reactor FSB work.

	FYTD	Current Period (9/16/02-10/13/02)	Current Period Comments
First Aid	1	1	(1) insect sting
OSHA Recordable	1	1	(1) back strain
Restricted Workday Case	1	1	Same incident as recordable (above)
Lost Workday Case	0	0	

Status:

- As of October 31, 2002, the ERC had worked approximately 205,000 hours without a lost workday case. The last incident occurred on June 4, 2002 and became lost time on September 4, 2002. Continuous employee involvement is being fostered by the Integrated Environmental Safety and Health Management System (ISMS), VPP, labor alliance programs, e-mail communications, and one-on-one meetings with employees.

SAFETY (continued)

- The ERC reported no work-related injuries or illnesses for three of the four weeks in October.
- The ERC performed a self-assessment on subcontractor health and safety performance.
- The ERC completed the VPP self-assessment during October and is in the process of completing the self-assessment report. The VPP self-assessment team conducted 130 random formal interviews (approximately 19% of ERC employees) that covered the five tenets of VPP. The information obtained from the interviews, along with project walkdowns, will be used to grade ERC safety and health strengths and areas needing improvement. This information will be shared with upper management and project personnel. Additionally, a safety improvement plan will be created for FY03 based on information from the self-assessment.
- Employee participation in the low-impact stretching exercises improved at all ERC locations, projects, and offices. Employees are taking time to stretch prior to physical activities.
- To date, the ERC has had seven brown bag speakers. The most recent speaker was a representative from the Tri-Cities Chapliancy who spoke on "Dealing with Grief."
- The ERC "Safety Body" identified the greatest percentage of injuries are to the hand and finger areas. Emphasis has been placed on raising awareness during discussions at staff meetings, morning PODs, and a recent article prepared for the "Safety Speaking" on hand and finger safety.
- The ERC has worked diligently to provide accurate and timely reporting of occurrences, and to conduct followup fact-finding critiques to identify problems and improve safe field operations.

Integrated Environmental Safety and Health Management System (ISMS):

The draft environmental assessment for reactivating three former borrow sites for use at the 100 F, 100 H, 100 N, and 100 K Areas was transmitted to the DOE Richland Operations Office (RL) for comment. If the preferred alternative does not change, the total estimated cost savings for all sites is currently estimated to be approximately $1.9M. The savings is achieved by greatly reducing project time, hauling, and road construction costs.

The third installment of the Chemical Management Program Flash was distributed on October 25. The Flash is an information sheet providing chemical management activities, questions and answers, and chemical safety topics. This installment identified that more than $300 worth of ERC chemical products were deployed through a revised chemical deployment process. In addition, a process for avoiding new chemical purchases by helping potential buyers locate the product within the ERC has been developed. Over time, it is expected that the ERC will realize significant cost savings, as well as reduce the amount of product being indefinitely stored and eventually disposed of as waste. An electronic redeployment list will be available to potential buyers later in the calendar year.

Assessment ARQP-02-27, Lockout/Tagout, was completed. One unsatisfactory corrected immediately (UCI) and nine observations were documented. The UCI involved documenting the approval of a subcontractor's Lockout/Tagout program submittal. RL Facility Representatives accompanied the assessor during the assessment. The focus of the assessment included verification of deficiency closures identified in previous RL correspondence, corrective action requests (CARs), and the recent Field Support Surveillance (FS-02-14). Five previous CARs and nine UCIs were verified closed. Nine unresolved deficiencies from FS-02-14 were verified closed.

SAFETY (continued)

Independent Assessment ARQP-02-30, ERC Security Program, was completed. The assessment resulted in one UCI and two observations. The UCI involved the lack of procedure-specific required reading.

The ERC screened the following activities for PAAA review:
- 2 corrective action requests
- 3 management walkthrough reports
- 5 independent assessments
- 2 new or revised occurrence reports
- 22 self-assessments

BHI continued toward full implementation of the ISMS Performance Objectives, Measures, and Indicators Process (hereafter referred to as metrics) that BHI communicated to RL in document BHI-01550. Data collection continues, and new October data for all metrics requiring monthly reporting were provided to RL by letter.

BHI completed the internal review of the ISMS Metrics Process document and the review of metric definitions to ensure metric quality. Comment resolution on the process document was completed in October, and the final draft is being prepared. The process document and metric definitions will be provided to RL for review and comment in November.

Other accomplishments on this effort during October included:

- BHI continued to work on the items from the action plan reported in September, which captured the tasks to be completed to achieve the institutionalization goal. The plan includes some 515 items that range from establishing a BHI Management Metric Review Committee to providing additional training for both RL and BHI personnel that use the ISMS metrics processes and data.

- BHI developed a crosswalk document that showed similarities in two different metric data reports that are provided to RL. The purpose of the crosswalk was to justify the elimination of one of the reports to improve efficiency. The crosswalk showed that all the data in the smaller report was also contained in the larger report. A meeting was held with RL to discuss the BHI proposal. RL agreed to the proposal. A letter documenting the agreement to discontinue this duplicate reporting will be transmitted to RL in November.

PROCESS IMPROVEMENTS

Six Sigma:

- Implementation of the Six Sigma program across the ERC continued.
- Completed the BHI Six Sigma 2003 Business Plan and submitted to management as scheduled.
- Initiated development of a top-down approach for Six Sigma. Established a strategy and developed process flow for Level 1 and Level 2 processes.
- BHI Master Champion candidate attended the second of three training sessions.
- Conducted Yellow Belt training for 26 students (four candidates were from RL) October 28-31.
- FY03 Champion training class is scheduled for November 5-7.

Process Improvement Projects (PIPs) and status include:

- Based on a review of all data to date, the Remedial Action and Waste Disposal (RAWD) Container Handling PIP (PIP #11) is being revised to concentrate on 100 B/C and 100 N Areas. These two sites offer significant opportunity for addressing container variability.
- A strategy is being developed to continue the Safety Basis PIP (PIP #8) in conjunction with RL.

MAJOR COMMITMENTS

Tri-Party Agreement Milestones: Two (2) Tri-Party Agreement milestones are planned for completion during FY03.

Total Tri-Party Agreement Milestones Due in FY03	2
Total Planned through October	0
Total Completed through October	0

Remaining Tri-Party Agreement Milestones to be Completed in FY03	2
Forecast Ahead of Schedule	2
Forecast On Schedule	0

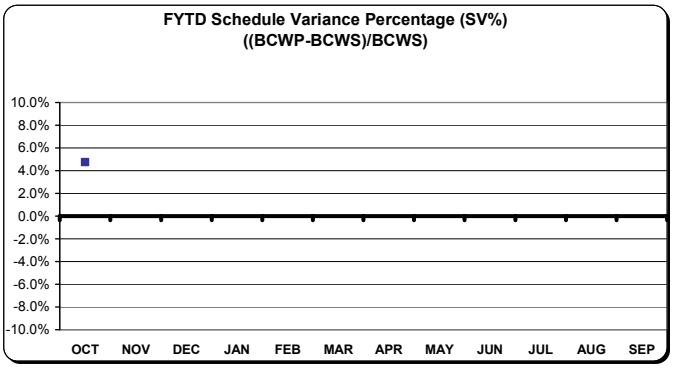
PERFORMANCE OBJECTIVES

BHI focus area performance incentives are noted below. Specific River Corridor performance incentives are identified in Section B. These performance incentives have not been formally transmitted to BHI as of October 31, but have been signed by all parties.

	PI	Fee Allocation	Task	Status
GREEN	**Execute Detailed Work Plan**	Incentive fee shall not exceed 100%; if SPI is less than 75% at end of contract period, no fee shall be awarded.	Perform to approved DWP through present contract period ending 12/31/02 in accordance with the SPI provision.	Awaiting formal transmittal of performance plan and performance incentives.
GREEN	**Safety**	Up to 50% of fee available for this PI may be forfeited if failure to satisfactorily meet PI in accordance with applicable requirements.	Protect worker safety and health, public safety and health, and the environment.	Awaiting formal transmittal of performance plan and performance incentives.

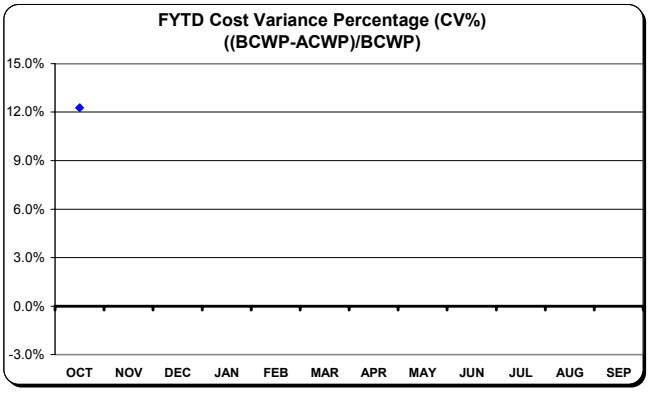
TOTAL ERC COST/SCHEDULE OVERVIEW

FY03 ERC PERFORMANCE SUMMARY
FYTD OCTOBER 2002
($K)



***NOTE: ERC current contract completes December 31, 2002.**

	OCT	NOV	*DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
DWP	8,451	8,521	9,154	8,467	8,304	10,768	8,608	8,797	10,797	8,997	10,602	9,997
DWP (Accum)	8,451	16,973	26,127	34,594	42,898	53,666	62,274	71,071	81,868	90,865	101,466	111,463
CURRENT PERIOD												
BCWS	8,898	8,698	10,213	8,338	8,201	10,750	8,573	8,769	10,774	9,272	11,142	10,005
BCWP	9,322											
FISCAL YEAR TO DATE												
BCWS	8,898	17,596	27,809	36,147	44,347	55,098	63,671	72,439	83,213	92,485	103,627	113,633
BCWP	9,322											
SV	424											
SV%	4.8%											



	OCT	NOV	*DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	EAC
CURRENT PERIOD													
ACWP	8,177												
BCWP	9,322												
FISCAL YEAR TO DATE													
ACWP	8,177												
BCWP	9,322												
CV	1,145												
CV%	12.3%												
EAC (Cumulative)	8,177	18,124	28,909	37,609	45,677	56,154	64,537	73,103	83,628	92,701	103,640	113,093	113,093

TOTAL ERC COST/SCHEDULE OVERVIEW (continued)

FY03 ERC PBS PERFORMANCE SUMMARY
FYTD OCTOBER 2002
($K)

	FY03 DWP	CURRENT	FYTD			FYTD SCHEDULE VARIANCE			FYTD COST VARIANCE			
	BCWS	BCWS	BCWS	BCWP	ACWP	$	%	SPI	$	%	CPI	EAC
RC01	65,900	67,207	5,484	5,190	4,789	-294	-5.4%	0.95	401	7.7%	1.08	66,979
RC02	12,608	13,029	808	1,429	910	621	76.9%	1.77	519	36.3%	1.57	12,884
RC05	32,855	33,298	2,603	2,700	2,479	97	3.7%	1.04	221	8.2%	1.09	33,132
RCR-Subtotal	**111,363**	**113,534**	**8,895**	**9,319**	**8,178**	**424**	**4.8%**	**1.05**	**1,141**	**12.2%**	**1.14**	**112,995**
SC01	100	99	3	3	-1	0	0.0%	1.00	4	133.3%	-3.00	
SS-Subtotal	**100**	**99**	**3**	**3**	**-1**	0	0.0%	1.00	4	133.3%	-3.00	**98**
ERC TOTAL	**111,463**	**113,633**	**8,898**	**9,322**	**8,177**	**424**	**4.8%**	**1.05**	**1,145**	**12.3%**	**1.14**	**113,093**

Schedule Variance Summary:

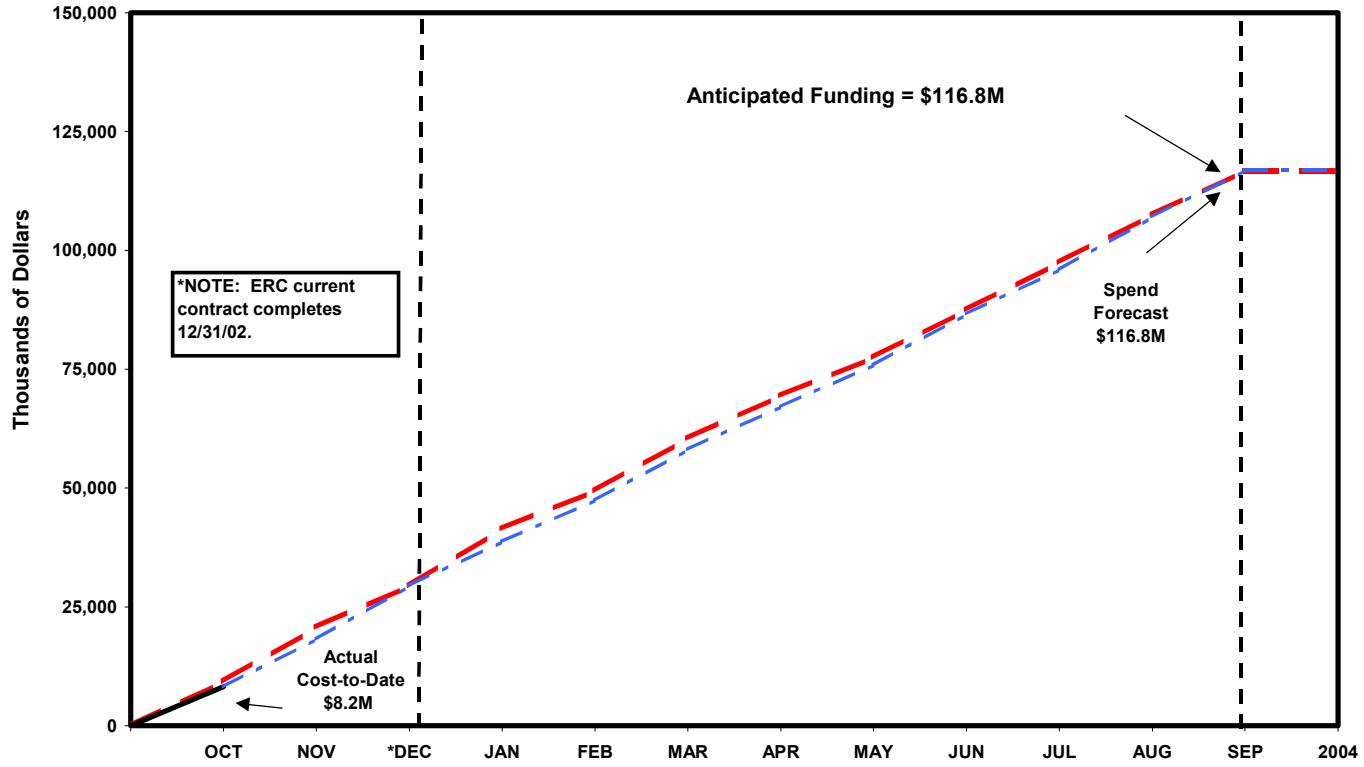
Through October, the ER Project is $.4M (+4.8%) ahead of schedule. The positive schedule variance is attributed to the acceleration of the 618-5 Burial Ground remediation operations two months ahead of schedule.

Cost Variance Summary:

At the end of October, the ER Project had performed $9.3M worth of work, at a cost of $8.2M. This results in a favorable cost variance of $1.1M (+12.3%). The positive cost variance is attributed to overlapping the 618-4 and 618-5 Burial Ground remediation operations, and loading F Reactor FSB demolition debris directly into waste containers as opposed to stockpiling.

TOTAL ERC COST/SCHEDULE OVERVIEW (continued)

FY03 FUNDING VS. FORECAST EXPENDITURES (EAC)



				OCT	NOV	*DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	2004	
1	**FY03 ERC FUNDING**			9,299	20,712	29,467	41,500	49,500	60,500	69,500	77,500	87,500	97,500	107,500	116,808	Est Outyr etc.	TOTAL
	ACTUAL/EAC ON APPROVED SCOPE																
2	**Actual Cost Cumulative through October**			8,177													
3	**Current Monthly Actuals/ EACs**			8,177	9,964	10,802	8,697	8,064	10,473	8,379	8,562	10,521	9,070	10,935	9,449		
4	**Cumulative Actuals/EACs on Approved Scope**			8,177	18,141	28,943	37,640	45,704	56,177	64,556	73,118	83,639	92,709	103,644	113,093		113,093
	NOVEMBER FY2003 APPROVED BCPs																
5	RC05	BCP-23010	ERDF Chgs. Additional Tonnage		10	9	11	10									40
6	**Subtotal Approved Scope Changes**				**10**	**9**	**11**	**10**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**40**
	NOVEMBER FY2003 PENDING SCOPE CHANGES																
7	RC01	BCP-23X01	Additional Contractor Costs - 300 / F Areas							367					109		476
8	RC01	BCP-23X02	Additional Excavation at F & D Reactors							50	50	50	50				200
9	RC02	BCP-23X03	Additional LDR Soil at 618-4 Burial Ground			542											542
10	RC02	BCP-23010-R1	ERDF Chgs. Additional Tonnage						27	28	26	27	28	27	27		190
11	ALL	BCP-23014	Additional Legacy Retiree Medical Costs	58	29	29	28	29	29	28	29	29	29	28			345
12	SS01	BCP-23X04	Implementation of River Corridor Contract Transition (Funding Utilization Only)			400	400	500									1,300
13	ALL	Pending Scope Additions, Deletions, etc.				(524)	127	127	128	127	127	128	127	127	128		622
14	Subtotal Approved BCPs + Pending BCPs				68	456	567	665	184	601	231	234	234	183	292	0	3,715
15	Current Monthly Actuals/EACs + November FY 2003 Approved + Pending BCPs			8,177	10,032	11,258	9,264	8,729	10,657	8,980	8,793	10,755	9,304	11,118	9,741		
16	Cumulative Actuals/EACs + November FY 2003 Approved + Pending BCPs			8,177	18,209	29,467	38,731	47,460	58,117	67,097	75,890	86,645	95,949	107,067	116,808	-	116,808

ISSUES (REGULATORY/EXTERNAL/DOE)

See Section B issues.

KEY INTEGRATION ACTIVITIES

See Section B key integration activities.

UPCOMING PLANNED KEY EVENTS

Tri-Party Agreement Milestone M-16-10A, Initiate Remedial Action in the 100-KR-1 Operable Unit (due August 1, 2003) scheduled for early completion in December 2002.

Tri-Party Agreement Milestone M-93-16, Complete DR Reactor Interim Safe Storage (due September 30, 2003) scheduled for early completion in January 2003.

Transition ER River Corridor workscope upon award of new contract.

SECTION B – RIVER CORRIDOR RESTORATION

Data as of month-end October

ACCOMPLISHMENTS

100 Area River Corridor Cleanup (RC01):

Excavation and removal activities were completed for the 100 B/C Area pipelines located immediately south of the 116-C-5 Retention Basin and north of B Avenue (pipelines 23, 25, and 26, which are all 1.5-meter or 1.7-meter [60-inch or 66-inch] steel). The trenches will be evaluated against the cleanup standards to determine if any plumes exist.

In the 100 F Area, excavation of the 1.1-meter (42-inch) concrete and 1.5-meter (60-inch) steel piping under F Avenue was completed. Excavation was also completed at four waste sites (116-F-3 Trench, 116-F-10 French Drain, 116-F-11 French Drain, and UPR-100-F-35). Overburden removal was completed for the 1.1-meter (42-inch) steel pipeline under F Avenue and at the north end of the 116-F-1 Lewis Canal.

Construction of the 100 K Area queue access road sub-base and base course was completed. Placement of the base course on the queue area was 60% complete at month-end. Electrical installation for the construction facilities (trailers) continued. Air monitors were also installed.

In the 100 N Area, excavation was completed for plumes 2 and 5B. Excavation was initiated for plume 6 located adjacent to 116-N-1 Trench and will continue through the end of December. Excavation of the 116-N-1 Crib was initiated, but was suspended following elevated air monitoring results. Work is being redirected to plume excavation while alternatives are evaluated to provide more effective control of airborne contamination at the crib. Sample results from coatings on seven miscellaneous pipelines at the crib indicated one of the coatings contained friable asbestos material. The exposed portion of the asbestos-coated pipe was encapsulated while an asbestos abatement plan is being prepared.

Demolition of the F Reactor fuel storage basin (FSB) and transfer pits was completed during October. Soil removal under the FSB floor was also completed.

RL, Washington State Department of Ecology (Ecology), and Washington Department of Health approved the air monitoring plan for the 117-DR exhaust filter building demolition.

The readiness assessment for Phase II activities in the H Reactor FSB was completed on October 3. H Reactor Field Support personnel and radiological control technicians also attended a training session on October 10 for FSB debris and fuel identification. The training provided an overview of the material and controls that may be encountered during removal of the cobble/soil from the FSB.

Ownership of two PAS-1 casks was officially transferred from Fluor Hanford, Inc. (FH) to BHI on October 30. The casks will transport spent fuel elements to K Basin if any are discovered during future reactor FSB demolition. The Safety Analysis Report Plan (SARP) for the casks will require revision. Project personnel met with FH PAS-1 cask cognizant representatives on October 17 to discuss the custody details (storage and maintenance of the casks). The casks and associated hardware are planned to be physically transferred to BHI the first week in November.

The D/H Reactor ISS Project Sampling and Analysis Plan for Waste and Soil Characterization was approved by RL and Ecology.

ACCOMPLISHMENTS (continued)

Hazardous material warning signs were fabricated and posted along the Columbia River in support of the Hanford Site institutional controls plan. Subcontract preparation was completed for FY03 herbicide application. B Reactor hazard mitigation repairs were completed in the basin viewing room and hallway 211.

300 Area Cleanup (RC02):

Remediation was initiated at the 618-5 Burial Ground on October 1. To date, only one drum has been unearthed and 907 metric tons (1,000 tons) of land disposal restricted material (LDR) encountered.

A meeting was held with the U.S. Environmental Protection Agency (EPA) to discuss minor comments made on the proposed cleanup verification sampling approach for the 618-4 Burial Ground. In addition, a preliminary regrading plan for the 300-FF-1 operable unit was presented to EPA.

River Corridor Waste Management (RC05):

Stabilization of lead-contaminated soil from the 300 Area continued at ERDF. Two large vessels from the 300 Area were filled with grout and disposed in ERDF. Disposal of empty fuel storage canisters from K Basin also continued.

Disposal to the 11-meter (35-foot) elevation of ERDF Cells 3 and 4 was completed. A second dump ramp was constructed at the 21-meter (70-foot) elevation.

The ERDF Disposal team has worked 78 months (since project inception) without a lost time accident.

During October, 53,490 metric tons (58,963 tons) of contaminated waste were disposed in ERDF. A total of 3,517,133 metric tons (3,876,996 tons) of waste have been disposed in ERDF since operations began in July 1996.

General:

Updates of ER Science and Technology (S&T) plans were initiated. These plans will document ER projects' priority technology needs and a path forward to identify potential solutions. Development of strategic plans were also initiated for resolving the set of Bechtel multi-site S&T priority problems that were identified by the Bechtel Technology Panel. Strategic plans will identify specific S&T actions necessary to solve the identified problems and support accelerated cleanup.

MAJOR COMMITMENTS (FISCAL YEAR PLUS 6 MONTHS)

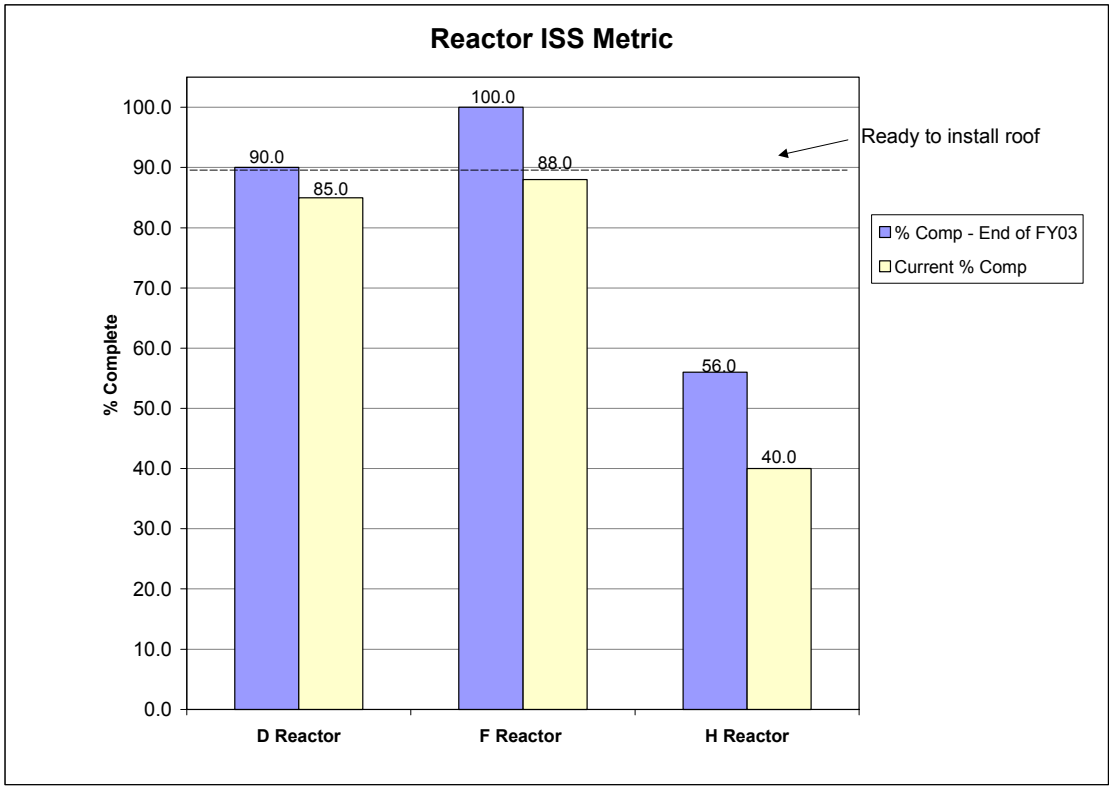
TPA Milestone	Description	Due Date	(F)/(A) Date
M-16-10A	Initiate Remedial Action in the 100-KR-1 Operable Unit	08/01/03	12/09/02 (F)
M-93-16	Complete 105-DR Reactor Interim Safe Storage	09/30/03	01/31/03 (F)
M-16-63	Submit a Schedule and TPA Milestones to Complete Interim Remedial Actions for the Following 300-FF-2 Waste Sites (300-259, 303-M SA, 303-M UOF, UPR-300-46, URP-300-17, and 618-1) and Confirmatory Sampling of the Following 300-FF-2 Candidate Sites (300-109, 300-110, and 333 ESHWSA)	11/30/03	11/30/03 (F)
M-94-01	Submit a Schedule and TPA Milestones to Complete Disposition of the Following Surplus Facilities: 303M, 332, 333, 334, 334A, 3221, 3222, 3223, 324, 3225, 324, 324B, 327 (River Corridor scope currently maintained by FH)	11/30/03	11/30/03 (F)
M-16-03H	Complete Remediation of Waste Sites in 300-FF-1 Operable Unit to Include Excavation, Verification, and Regrading, Including the 618-4 Burial Ground in Accordance with an Approved RDR/ RAWP	12/31/03	12/31/03 (F)

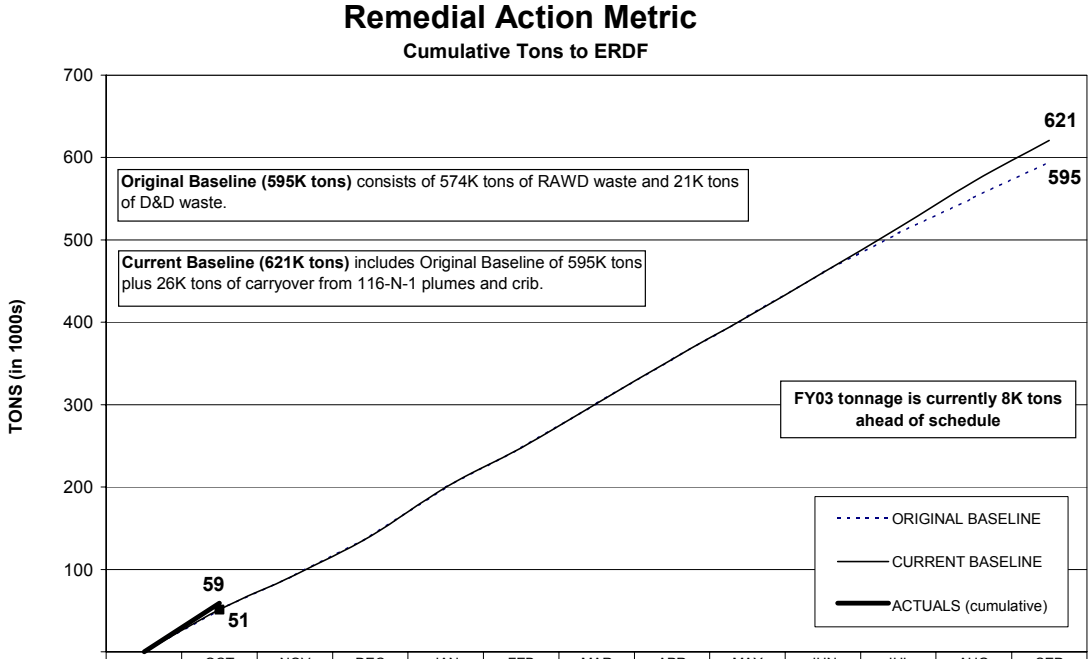
PERFORMANCE OBJECTIVES

This performance incentive has not been formally transmitted to BHI as of October 31, but has been signed by all parties.

PI	Task
GREEN **Reactor Interim Safe Storage**	Complete FY02 carryover ISS activities at F Reactor by November 20, 2002. **Status:** Awaiting formal transmittal of performance plan and performance incentives.

PERFORMANCE MEASURES/METRICS

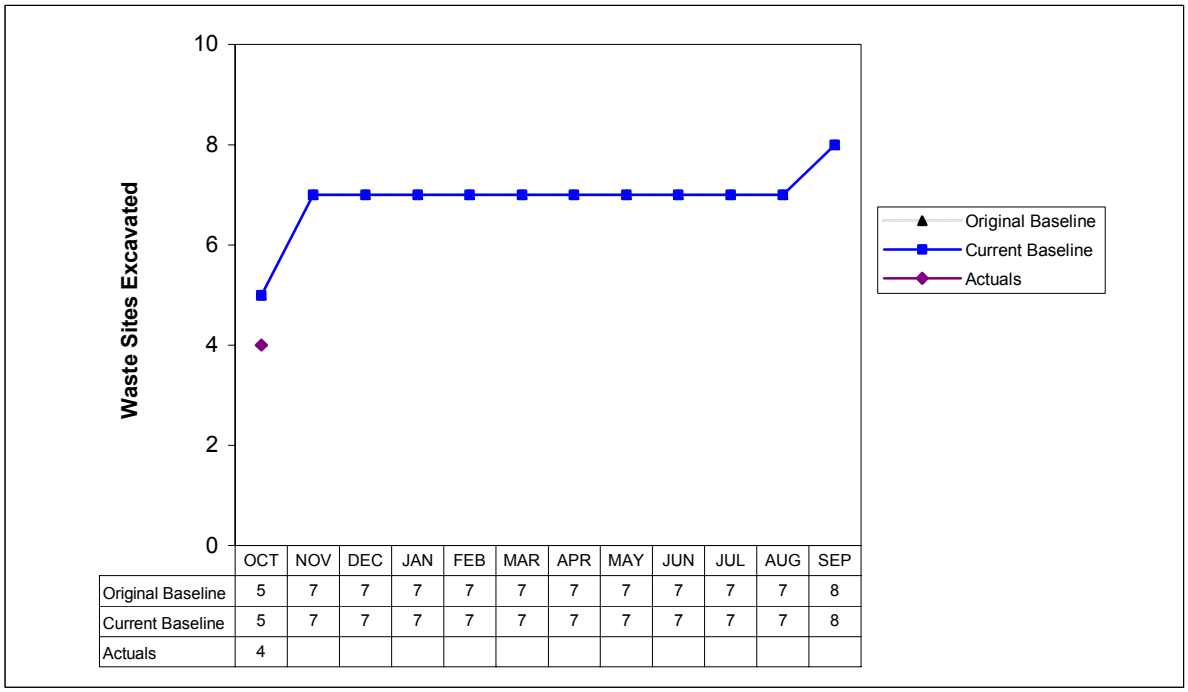




		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
ORIGINAL BASELINE		51	93	140	200	248	302	355	407	460	508	551	595
CURRENT BASELINE		51	93	140	200	248	302	355	407	460	515	571	621
ACTUALS (cumulative)		59											

PERFORMANCE MEASURES/METRICS (continued)

Waste Site Metric
Excavations Completed
(cumulative)



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Original Baseline	5	7	7	7	7	7	7	7	7	7	7	8
Current Baseline	5	7	7	7	7	7	7	7	7	7	7	8
Actuals	4											

COST/SCHEDULE STATUS

Schedule:

River Corridor Restoration	BCWS	BCWP	Variance
	$K	$K	$K
RC01 100 Area River Corridor Cleanup	5,484	5,190	(294)
RC02 300 Area Cleanup	808	1,429	621
RC05 River Corridor Waste Management	2,603	2,700	97
TOTAL River Corridor Restoration:	**8,895**	**9,319**	**424**

PBS-RC01 – 100 Area River Corridor Cleanup
Schedule Variance = **($294K); (5.4%)**

Cause: Fewer quantities requiring remediation at Lewis Canal due to waste minimization efforts.

Resolution: A BCP will be prepared to reflect waste minimization reductions in 100 F Area baseline.

PBS-RC02 – 300 Area Cleanup
Schedule Variance = **$621K; 76.9%**

Cause: 618-5 Burial Ground remediation accelerated by two months.

Resolution: N/A

PBS-RC05 – River Corridor Waste Management
Schedule Variance = **$97K; 3.7%**

Cause: More LDR soil treated than planned; waste disposal ahead of plan by 8K tons.

Resolution: N/A

COST/SCHEDULE STATUS (continued)

Cost:

River Corridor Restoration	FY03 EAC	BCWP	ACWP	Variance
	$K	$K	$K	$K
RC01 100 Area River Corridor Cleanup	66,979	5,190	4,789	401
RC02 300 Area Cleanup	12,884	1,429	910	519
RC05 River Corridor Waste Management	33,132	2,700	2,479	221
TOTAL River Corridor Restoration:	**112,995**	**9,319**	**8,178**	**1,141**

PBS-RC01 – 100 Area River Corridor Cleanup
Cost Variance = **$401K; 7.7%**

Cause: Preparation of 100 K Area remediation required less support than planned; subcontractor mobilization costs were not accrued.

Resolution: Support savings reflected in EAC; accrual error will be corrected in November.

Cause: Efficiencies realized by loading F Reactor FSB demolition debris directly into waste containers as opposed to stockpiling.

Resolution: Underrun reflected in EAC.

PBS-RC02 – 300 Area Cleanup
Cost Variance = **$519K; 36.3%**

Cause: Efficiencies realized in 618-4 Burial Ground sorting, sampling, and loadout of contaminated soils; overlapping of 618-4 and 618-5 Burial Ground remediation operations.

Resolution: Underrun reflected in EAC.

PBS-RC05 – River Corridor Waste Management
Cost Variance = **$221K; 8.2%**

Cause: LDR treatment and waste disposal overaccrued in September resulting in erroneous accrual reversal in October.

Resolution: Underrun reflected in EAC.

ISSUES (REGULATORY/EXTERNAL/DOE)

None identified at this time.

INTEGRATION ACTIVITIES

BHI and FH developed an engineering evaluation/cost analysis (EE/CA) for the disposition of mixed waste from the 183-H Solar Evaporation Basins. The evaluation addresses over 12,260 waste drums currently stored in the Central Waste Complex. The document presents an integrated regulatory approach to develop an accelerated path forward for disposal of the waste. Much of the waste from the basins is believed to qualify for a Resource Conservation and Recovery Act (RCRA) treatability variance that will allow for disposal in ERDF without additional treatment. The document was submitted to RL and the regulators for review.

The Annual Closure/Postclosure Cost Report was submitted to meet the requirements of the Hanford Site RCRA Permit, Condition II.H.2. This condition requires an annual estimate of the cost for completing closure and postclosure activities of Hanford's treatment, storage, and disposal facilities. BHI coordinated with FH in report preparation and to support RL in issuance of the annual report by October 31.

BHI External Affairs personnel assisted RL and the DOE Office of River Protection (ORP) in developing a communications plan to commemorate the Hanford Site's 60th anniversary in 2003. BHI created the logo and assisted in establishing the theme, messages, and activities.